

Notice of Allowability

Application No.

10/014,620

Examiner

Nguyen Ngo

Applicant(s)

STEWART, MARK A.W.

Art Unit

2663

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to amendment of 09/27/2005.
2. ☒ The allowed claim(s) is/are 1-9.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some* c) ☐ None of the:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1. <input type="checkbox"/> Notice of References Cited (PTO-892) | 5. <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2. <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6. <input type="checkbox"/> Interview Summary (PTO-413),
Paper No./Mail Date _____. |
| 3. <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date _____ | 7. <input type="checkbox"/> Examiner's Amendment/Comment |
| 4. <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8. <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9. <input type="checkbox"/> Other _____. |

DETAILED ACTION

Response to Amendment

1. This communication is in response to the amendment of 9/27/2005. Accordingly, Claims 1-9 are currently pending in the application.

Response to Arguments

2. Applicant's arguments, see page 5-9, filed 09/27/2005, with respect to claims 1-9 have been fully considered and are persuasive. The rejection of claims 1-9 has been withdrawn.

Allowable Subject Matter

3. Claims 1-9 are allowed.

The following is a statement of reasons for the indication of allowable subject matter:

4. Claim 1 is allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose sending a node state advertisement identifying the first router, and a link about which the first router desires to receive link state information and at each of at least one second router determined to lie along the path, maintaining an association between the link and the first router, the association indicating that link state advertisements concerning the link are to be forwarded along the path toward the first router, and upon change of the state of the link, forwarding a corresponding link state

advertisement along the path toward the first router. It is noted that the closest prior art, Fedyk et al. (US 6560654) discloses a method of forwarding a first message from a source to a destination via a link state routing network utilizing point-to-point feedback messages when the quality of a first path from the source to the destination meets some prescribed condition. However, Fedyk et al. fails to disclose or render obvious to the above underline limitations as claimed.

5. Claim 7 is allowable over the prior art of record since the cited references taken individually or in combination fails to particularly disclose **broadcasting a node state advertisement identifying the ingress node, and a link included in the primary communication path and at each of the routers determined to lie along the desired signaling path, maintaining an association between the link and the ingress node, the association indicating that link state advertisements concerning the link are to be forwarded toward the ingress node, and upon change of the state of the link, forwarding a corresponding link state advertisement toward the ingress node.** It is noted that the closest prior art, Fedyk et al. (US 6560654) discloses a method of forwarding a first message from a source to a destination via a link state routing network utilizing point-to-point feedback messages when the quality of a first path from the source to the destination meets some prescribed condition. However, Fedyk et al. fails to disclose or render obvious to the above underline limitations as claimed.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nguyen Ngo whose telephone number is (571) 272-8398. The examiner can normally be reached on Monday-Friday 7am - 3:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ricky Ngo can be reached on (571) 272-3139. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

N.N

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Ricky
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SUPERVISORY PATENT EXAMINER